

## SEVERE LOCAL STORMS FOR NOVEMBER 1946

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Ontario, Calif., and vicinities	Nov. 1946 1-2	9:30 p. m.-1 a. m.				Wind and sand	Blowing sand disrupted highway traffic; some trees blown over; small airplane at Ontario airport overturned; small loss in citrus fruits and avocados.
Hempstead County, Ark., northern portion.	2	3:30 p. m.	150-200	0		Tornado	Number of homes and business offices demolished and communications disrupted; large new home destroyed, service station flattened, cotton gin badly damaged, and 6 Negro homes in this vicinity destroyed. In Washington, Ark., old church building, a famous landmark, totally destroyed. With lines of the Southwestern Gas & Electric Co., down in the area, most of the northern part of the county was without light or power, and Washington, Ark., was isolated from outside communication.
Terlton to Hominy, Okla. .... Yolo, Solano, and San Joaquin Counties, Calif.	2 2	4:30-4:40 a. m.	13		\$30,000	Heavy hail. Northerly winds	Damage mostly to roof tops; path 22 miles long. Telephone lines blown down, loss in Milo maize and olives. At Lodi plate window glass was broken. This was a general northerly wind which was felt in many localities in central California, but only a few reports of damage were received.
Colorado, entire eastern section.	2-5			13	10,000,000	Heavy snow and wind.	All forms of transportation disrupted; planes grounded for 3 days. Several highways blocked from 12 to 48 hours. More than 300 cars stalled at Limon, numerous other cars elsewhere. Some secondary roads blocked from 2 to 3 weeks. Isolated country homes received food and supplies by plane, dog sleigh, or Army "weasels." Schools closed from 3 days to 2 weeks; many stores and offices closed for 3 days. Milk, grocery, and coal deliveries in Denver cut 80 percent. 2 buildings in Denver and 1 in Flagler caved in. 270 livestock killed, in addition to 17 percent loss by shrinkage. Loss in 700 acres of potatoes; beet harvesting delayed 2 to 3 weeks, with the sugar content lowered.
Beaumont, Tex., vicinity of	3-4				3,000,000	Excessive rain	Storm sewers in portions of Beaumont inadequate, causing the flooding of many business houses and homes. Rain was unusually heavy over the western portion of Jefferson County and caused an unestimated loss in the rice crop. At the Amelia Experiment Station, 6 miles west of Beaumont, 10.83 inches fell between 10:30 p. m., of the 3d and 7 a. m., of the 4th. An additional 0.37 inch fell during the day, making the 24-hour total rainfall 11.25 inches.
Alton, Sioux City, Shelton, and Estherville, Iowa, and vicinities.	7-8					Snowfall	Considerable rough ice on the pavement in the Sioux City area made driving hazardous; 20 minor traffic accidents reported. 8 inches of snow fell and the thermometer dropped to 28 degrees. Hazardous driving conditions also were reported at Shelton, where 12 inches of snow fell. Estherville had 7 inches of wet snow. Amount of damage from this storm not estimated.
Nebraska, northeastward across the State.	7-8					do	Snowfall heaviest in the Wayne area, where day-long snow on the 7th measured 16 inches. In the west the snow measured from 5 to 10 inches, 10 inches being reported at Overton. In the extreme east snow melted as fast as it struck ground. Roads icy in other sections of State, however, and side roads were deep with snow although maintenance crews kept most main highways open. In the Wayne area road crews worked all night of the 7th to keep highways going north and south clear, and Sunday afternoon were clearing the roads to Winslow, Carroll, and Wakefield. Many cars were stalled.
Yolo and Solano Counties, Calif. Lafayette, La.	8 10	About 5 p. m.				Northerly winds. High winds	Damage to telephone lines; loss in crops.
Rayne, La.	10	5 p. m.	880	0		Tornado	Trees broken and uprooted; barns and outbuildings on farms north of Lafayette demolished; damage to crops small, as most were already harvested. Amount of damage not estimated.
Pointe Coupee Parish, La.	10	do.	50	2	10,000	do.	Storm moved from southwest to northeast, striking 2 plantations near Mississippi River about 1½ miles apart. 2 Negroes killed and several injured. 2 houses, 3 barns filled with hay, tool shed, and blacksmith shop demolished; a church, and 3 houses damaged; hay stored in barns destroyed; path from 2 to 10 miles long.
Hattiesburg, Miss.	10	9 p. m.	400	0	100,050	do.	Storm moved from southwest to northeast, dipping and rising as it moved. Lumber sheds and livestock yards unroofed; several small buildings damaged. Crop loss, \$50; damage to buildings, \$100,000; path 1 mile long. It is possible this is the same tornado as the one which struck Pointe Coupee at 5 p. m., of the same day, with speed of about 50 miles per hour.
Calvert, Ala.	10	11:30 p. m.			10,000	Thundersquall	Many trees uprooted; damage to 15 houses and to several other buildings.
Milbrook, Ala.	11	1:30 a. m.			500	do.	Buildings damaged over small area.
Haiwee, Calif.	11-12	Entire day.				Snow	Much damage to trees, and telephone and transmission lines.
Los Angeles, Calif., and vicinity.	11-14	12:01 a. m., of 11th-10 a. m., of 14th.		1		High wind, rain, hail and lightning.	Low areas flooded; some property damage from wind. Man swept into ocean while fishing off San Pedro breakwater.
Polson, Mont., and vicinity	18				30,000	Wind, sleet, and snow.	High wind caused large waves to rise on Flathead Lake, breaking a log boom, causing much damage to the mill, wrecking housings and weakening foundations. Valuable machinery severely damaged.
Seattle, Wash.	18					Snow	More than 6 inches of snow in some sections of city. Motorists stranded; transit system schedules upset; schools closed; and power and telephone service impaired. Power service on Mercer Island and in part of Renton and Rainier Valley blacked out in forenoon. Many telephones out of commission.
San Francisco, Calif., Bay district.	18-19					Wind and rain	Small property damage. Several deaths resulted from traffic accidents. Damage to trees and communication facilities from as far away as the central Sierra Nevada Mountains.
California, northern portion of State.	19				125,000	Rain and wind	Drenching rain brought welcome relief to parched farmlands and gloom to cities and suburban areas. Harassed by flooded streets, falling light and power sources, and stalled transportation, San Francisco took the brunt of gales and heavy rain. Worst blow befell the city's Grand National Livestock Exposition, where 4 huge tents collapsed upon a milling mass of over 1,000 prize animals, with \$125,000 loss. In San Francisco the heavy rain, 1.73 inches for the 24-hour period ending late on the 19th, disabled 32 streetcars. In addition, a mud slide continued to hold up streetcars, and a caved-in sewer caused the rerouting of car system.
Milwaukee, Wis.	21	P. m.				Wind and rain	Several windows broken; 2 chimneys blown over; porch damaged by falling tree; 8 persons injured in motor accidents.

<sup>1</sup> Miles instead of yards.